

WHAT IS CLAIMED IS:

Sub 1. A postal envelope form system comprising:
 an outgoing envelope and a reply envelope contained within said outgoing envelope, wherein said envelopes each have a mail-to address and a return address
 5 preprinted thereon.

2. The postal envelope form system of claim 1, wherein said envelopes provide greater than approximately 70% readability when scanned by postal processing equipment.

3. The postal envelope form system of claim 1, wherein said envelopes are
 10 preprinted on a narrow carriage impact printer and are therefore less than approximately ten inches wide.

4. The postal envelope form system of claim 1, wherein said outgoing envelope further comprises a flap enclosure and a tab opening means for easily opening said flap enclosure, wherein said tab opening means is located at a bottom of said outgoing
 15 envelope thereby allowing said biller return address to be located at a top of said outgoing envelope and said customer return address to be located at a top of said reply envelope.

5. The postal envelope form system of claim 1, wherein said outgoing envelope and said reply envelope each include a front face, and wherein said mail-to and said return
 20 addresses on each of said outgoing and said reply envelopes are preprinted on said front face of said envelopes.

6. The postal envelope form system of claim 5, wherein said outgoing and said reply envelopes each have delivery point barcodes which identify the intended location for delivering said envelopes.

7. The postal envelope form system of claim 1, wherein said reply envelope includes
5 a face identification mark.

8. The postal envelope form system of claim 1, wherein said reply envelope is located within said outgoing envelope, and said form system further comprises a sheet of selectively carbonized paper located adjacent said front face of said reply envelope, said sheet of selectively carbonized paper being used for preprinting said addresses on said
10 reply envelope.

9. The postal envelope form system of claim 1, wherein said outgoing envelope and said reply envelope each comprise a pair of sheets of paper attached to form an enclosure open at a portion of an edge.

10. The postal envelope form system of claim 9, wherein said pair of sheets forming
15 said reply envelope are located between said pair of sheets forming said outgoing envelope.

11. The postal envelope form system of claim 9, wherein one of each of said pair of sheets forming said outgoing and said reply envelopes is a front sheet such that said outgoing envelope has an outgoing front sheet and said reply envelope has a reply front
20 sheet, and said form system further comprises a billing statement sheet positioned between said outgoing front sheet and said reply front sheet.

12. The postal envelope form system of claim 9, wherein one of said pair of sheets forming said outgoing envelope is an outgoing front sheet, and said postal envelope form

09328417 060909

system further comprises an original sheet positioned adjacent said outgoing front sheet and outside said outgoing envelope.

13. The postal envelope form system of claim 9, wherein said sheets have a front face and a right side edge, and said sheets are fixed together at said right side edge to strengthen said postal envelope form system at a location where postal processing equipment engages said postal envelope form system during processing.

14. The postal envelope form system of claim 1, wherein said outgoing envelope and said reply envelope each have a top, a front, and a return address area located on said front, substantially adjacent to said top.

15. The postal envelope form system of claim 1, wherein said outgoing envelope and said reply envelope each have a front face and a mail-to address area located on said front face, wherein said mail-to address area of each of said outgoing envelope and said reply envelope has a top portion, and said form system further comprises a delivery point barcode located substantially adjacent said top portion of said mail-to address area.

16. The postal envelope form system of claim 15, wherein said top portion of said mail-to address area is positioned relative to postal equipment that contacts said envelopes to feed said envelopes through a postal envelope processing system such that said delivery point barcode is left substantially uncontacted to thereby reduce smearing of said delivery point barcode.

17. The postal envelope form system of claim 16, wherein said postal equipment that contacts said envelopes to feed said envelopes through a postal envelope processing system utilizes feeding mechanisms that contact said envelopes at mechanism contact

666090" 27482260

sup
20
ba

points up to approximately one and a half inches from a bottom edge of said envelopes, and said delivery point barcodes are positioned above said mechanism contact points.

18. The postal envelope form system of claim 12, wherein said original sheet comprises approximately twelve and one half pound, selectively carbonized bond paper.

5 19. The postal envelope form system of claim 12, wherein said pair of sheets forming said outgoing envelope is selectively carbonized bond paper which enables imprinting on said billing statement sheet.

10 20. The postal envelope form system of claim 12, wherein said outgoing envelope comprises a sheet of approximately sixteen pound carbonized bond paper, and said carbon is positioned to imprint said billing information on said billing statement sheet.

21. The postal envelope form system of claim 12, wherein said billing statement sheet comprises selectively carbonized bond paper which enables imprinting on said reply envelope, and said carbon is positioned to imprint said second return address, said second mail-to address, and a face identification mark on said reply envelope.

15 22. The postal envelope form system of claim 12, wherein said billing statement sheet comprises approximately sixteen pound, selectively carbonized bond paper.

23. The postal envelope form system of claim 12, wherein said sheets comprise:

a twelve-and-a-half pound selectively carbonized bond original sheet positioned on top of,

20 a sixteen pound selectively carbonized bond outgoing envelope face sheet positioned on top of,

a sixteen pound selectively carbonized bond billing statement sheet positioned on top of,

a twenty-four pound register bond reply envelope face sheet positioned on top of,
 a twenty pound register bond reply envelope back sheet positioned on top of,
 a twenty pound register bond outgoing envelope back sheet.

Sub B3 / 24.

5

The postal envelope form system of claim 12, wherein said sheets comprise:

a selectively carbonized bond original sheet of first weight positioned on top of,

a selectively carbonized bond outgoing envelope face sheet of a second weight positioned on top of,

a selectively carbonized bond billing statement sheet of said second weight positioned on top of,

10 a pound register bond reply envelope face sheet of a third weight positioned on top of,

a register bond reply envelope back sheet of a fourth weight positioned on top of,

a register bond outgoing envelope back sheet of said forth weight.

25. A method of making a postal envelope form system, comprising:

15 printing a plurality of sheets, wherein at least some of said plurality of sheets have a selectively carbonized area to enable transfer of information between sheets;

20 attaching said plurality of sheets together so as to form an outgoing envelope, and a reply envelope contained within said outgoing envelope, and wherein each of said outgoing and reply envelopes are able to have mail-to and return addresses preprinted thereon using said selectively carbonized area.

26. The method of claim 25, wherein said sheets have a front face and a right side edge, and said attaching comprises fixing sheets together at said right side edge to

strengthen said postal envelope form system at a location where postal processing equipment engages said postal envelope form system during processing.

27. The method of claim 26 further comprising forming lines of weakness in said plurality of sheets to facilitate separation of sheets from at least one of said line of weakness and one another.

28. The method of claim 26, wherein said attaching said plurality of sheets further forms a billing statement located on a front face of said reply envelope, wherein both said billing statement and said reply envelope are contained within said outgoing envelope.

29. The method of claim 28, further comprising forming a line of weakness in said billing statement that facilitates separation of said billing statement into two portions.

30. The method of claim 26, wherein said attaching said plurality of sheets further forms an original statement located on a front face of said outgoing envelope.

31. The method of claim 26, further comprising making a pair of parallel cuts in said attached sheets at distances relative to each other such that said cut, attached sheets fit within a printer feeding path.

32. The method of claim 31, wherein said printer feeding path is a narrow carriage printer feeding path having a width approximately ten inches.

33. The method of claim 31, further comprising cutting pin-feed margins in said attached sheets and cutting parallel lines of weakness allowing separation of said pin-feed margins from a remaining portion of said postal envelope form system.

34. The method of claim 25, further comprising using a combination of paper types as said plurality of sheets that allow

a first mail-to address and a first return address to be printed on said outgoing envelope,

a second mail-to address and a second return address to be printed on said reply envelope,

5 when said postal envelope form system is used in an impact printer.

35
34. The method of claim 33, further comprising using a combination of paper types as said plurality of sheets that further allow a billing statement to be printed on a sheet located adjacent said reply envelope and inside said outgoing envelope.

36
35. The method of claim 34, further comprising using a combination of paper types as said plurality of sheets that further allow an original sheet to be printed on by said impact printer.

37
36. The method of claim 35, wherein said original sheet comprises selectively carbonized bond paper which enables imprinting of said first return address, said first mail-to address, and a postage permit on said outgoing envelope, and wherein said carbon is selectively positioned to enable imprinting of said first mail-to address, which includes a delivery point barcode, on said outgoing envelope in a position such that said delivery point barcode is substantially not contacted by postal processing equipment.

sub 6/28/1
37. The method of claim 36, positioning said carbon such that postal equipment that contacts said envelopes to feed said envelopes through a postal envelope processing system makes contact with said envelopes at contact points up to approximately one and a half inches from a bottom edge of said envelopes, and said delivery point barcodes are positioned above said contact points.

39.
38. The method of claim 35, wherein said original sheet comprises approximately twelve and one half pound, selectively carbonized bond paper.

40.
39. The method of claim 35, wherein said outgoing envelope comprises a pair of sheets of paper, wherein at least one of said pair of sheets is selectively carbonized bond paper which enables imprinting on said billing statement sheet.

41.
40. The method of claim 35, wherein said outgoing envelope comprises a sheet of approximately sixteen pound carbonized bond paper, and said carbon is positioned to imprint said billing information on said billing statement sheet.

42.
41. The method of claim 35, wherein said billing statement sheet comprises selectively carbonized bond paper which enables imprinting on said reply envelope, and said carbon is positioned to imprint said second return address, said second mail-to address, and a face identification mark on said reply envelope.

43.
42. The method of claim 35, wherein said billing statement sheet comprises approximately sixteen pound, selectively carbonized bond paper.

44.
43. The method of claim 35, wherein using combination of paper types includes positioning:

a twelve-and-a-half pound selectively carbonized bond original sheet on top of,
a sixteen pound selectively carbonized bond outgoing envelope face sheet on top of,

a sixteen pound selectively carbonized bond billing statement sheet on top of,
a twenty-four pound register bond reply envelope face sheet on top of,
a twenty pound register bond reply envelope back sheet on top of,
a twenty pound register bond outgoing envelope back sheet.

45/44. A business method using a postal envelope form system, said method comprising:
printing information on said postal envelope form system, said information
including billing information;

mailing an outgoing envelope having pre-preprinted first mail-to and return
5 addresses, said outgoing envelope having contained therein a reply envelope having
preprinted second mail-to and return addresses.

46/45. The business method of claim 44, wherein said printing comprises using an
impact printer.

47/46. The business method of claim 44, further comprising receiving said reply
10 envelope.

48/47. The business method of claim 44, further comprising retaining an original copy of
any information included in printing said postal envelope form system.

49/48. The business method of claim 44, further comprising preprinting textual
information intended for being scanned by post office processing equipment in white
15 areas located among colored areas to facilitate accurate delivery.

50/49. The postal envelope form system of claim 48, wherein said colored areas facilitate
correct delivery of a multitude of said reply envelopes based on the same color
corresponding to identical return addresses.

sub 50/50. A business method using a postal envelope form system, said method comprising:
20 receiving a first envelope having pre-preprinted first mail-to and return addresses,
said first envelope having contained therein a second envelope for reply having
preprinted second mail-to and return addresses.

52/ 51. The business method of claim 50 wherein said first envelope has further contained therein a billing statement, and said business method further comprises arranging for payment.

53/ 52. The business method of claim 50, further comprising providing at least one of
5 payment and payment information, and mailing said reply envelope along with said at least one of payment and payment information.

54/ 53. A business method maintaining a relationship, said method comprising:
receiving at least one of a good and service; and
receiving a first envelope having pre-printed first mail-to and return addresses,
10 said first envelope having contained therein
a billing statement associated with said at least one of a good and service,
and
a second envelope for reply having preprinted second mail-to and return
addresses.

55/ 54. The business method of claim 53, further comprising mailing said second
15 envelope for reply along with at least one of payment and payment information.

56/ 55. A postal envelope form system comprising:
an outgoing envelope having preprinted thereon a biller return address and an
outgoing delivery point barcode; and
20 a reply envelope contained within said outgoing envelope, said reply envelope
having preprinted thereon a customer return address, a reply delivery point barcode and
face identification mark.

57/ 56. The postal envelope form system of claim 55, wherein said outgoing envelope includes a billing statement.

58/ 57. The postal envelope form system of claim 55, wherein said billing statement includes a line of weakness to separate a remittance statement from a customer copy.

59/ 58. The postal envelope form system of claim 55, wherein said postal envelope form system includes an original statement indicating all information preprinted thereon.

60/ 59. The postal envelope form system of claim 58, wherein said original statement includes a line of weakness to separate a reminder statement from a biller copy.

61/ 60. The postal envelope form system of claim 55, wherein said outgoing envelope further comprises a flap enclosure and a tab opening means for easily opening said flap enclosure, wherein said tab opening means is located at a bottom of said outgoing envelope thereby allowing said biller return address to be located at a top of said outgoing envelope and said customer return address to be located at a top of said reply envelope.

62/ 61. A postal envelope form system comprising:
an outgoing envelope and a reply envelope contained within said outgoing envelope, wherein said envelopes each have a mail-to address and a return address preprinted thereon in white areas located among colored areas.

63/ 62. The postal envelope form system of claim 61, wherein said colored areas facilitate correct delivery of a multitude of said reply envelopes based on the same color corresponding to identical return addresses.

64/ 63. The postal envelope form system of claim 61, wherein text preprinted within said white areas contrast and facilitate correct delivery based on scanning said white areas.

0932247.060999

63
64. The postal envelope form system of claim 61, wherein said reply envelope includes a face identification mark preprinted thereon in white areas located among said colored areas.

65
65. The postal envelope form system of claim 61, further comprising a security
5 screened areas that prevents viewing contents through paper forming said envelopes.

67
66. The postal envelope form system of claim 61, further comprising a block out area that prevents information contained within said envelopes to be misinterpreted as information located outside said envelopes.

68
67. The postal envelope form system of claim 61, wherein said envelopes provide
10 greater than approximately 90% readability when scanned by postal processing equipment.

69
68. A method of making a postal envelope form system comprising the steps of:
printing a plurality of sheets, some of which have selectively carbonized areas used for transferring information impact printed thereon to a sheet underneath;
15 forming lines of weakness in said plurality of sheets to allow easy separation of a billing statement from a reply envelope, both contained within an outgoing envelope; and
gluing said plurality of sheets together to form said postal envelope form system.

70
69. The method of making said postal envelope form system of claim 68, further comprising, forming a line of weakness transverse to a height of said postal envelope
20 form system thus creating a series of connected, but weakened, individual postal envelope form systems. 70. The postal envelope form system of claim 55, wherein said envelopes provide greater than approximately 90% readability when scanned by postal processing equipment.

add
C1